

REGION FOUR

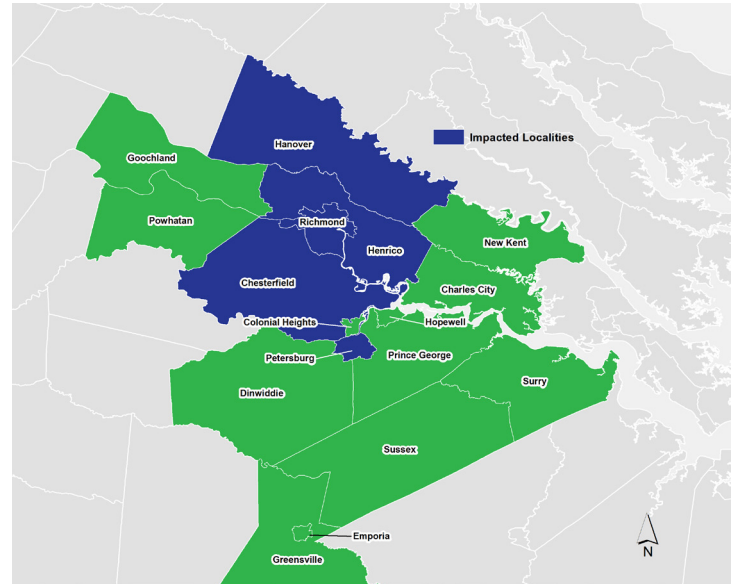
VCU Pharmaceutical Accelerator

Virginia Commonwealth University (VCU) School of Engineering

The proposed project will lead to the creation of an advanced manufacturing cluster in Region 4 by commercializing advanced pharmaceutical manufacturing processes and equipment developed through the Medicines for All (M4ALL) program at VCU. The M4ALL program has received significant funding for research from the Gates Foundation, with the understanding that the program must become financially independent by commercializing research with private industry partners. The process of commercialization is not funded through the Gates Foundation, thus GO Virginia funds will be utilized to develop drug-specific commercialization plans, to produce architecture and engineering plans for new FDA-approved facilities with private-industry partners and to train new talent through the VCU Pharmaceutical Engineering Program. The ultimate goal of the project is to establish a state-of-the-art pharmaceutical cluster that will fundamentally change how drugs are manufactured and distributed worldwide.



VIRGINIA INITIATIVE FOR
GROWTH & OPPORTUNITY
IN EACH REGION



Strategy:
Commercialization

75 percent of region's population impacted

Partners:
AMPAC Chemicals, Inc., BrightPath LLC and Richmond Regional Planning District Commission

Participants:



- ✓ City of Petersburg
- ✓ City of Richmond

Targeted Clusters:

- Advanced Manufacturing
- Health/Life Sciences/Bioscience

Funding Request:

➡ \$500,000



Total Project Budget:

\$ 1,108,200 ◀

Project Outcomes:

- Establishment of a new Richmond facility for BrighPath LLC
- Reactivation of production units at the former Boehringer-Ingelheim facility in Petersburg
- Drug-specific commercialization plans for four drugs
- Creation of 125 jobs over two years
- \$100,000 vs. \$50,623 average per capita income for the region
- Private investment of up to \$20 million
- Return on Investment (ROI): Increase state revenue by \$1,920,000 over three years

